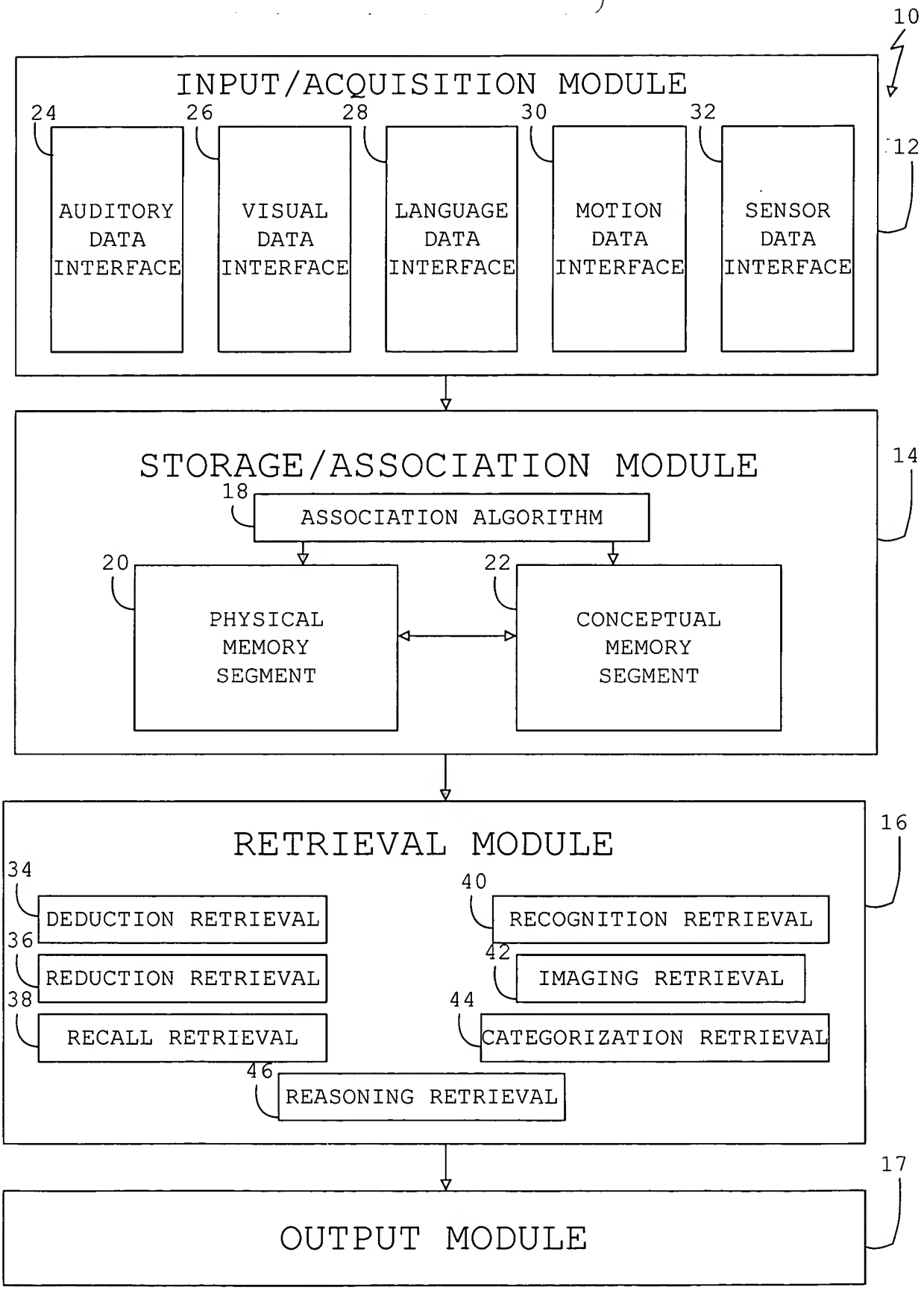
10
INPUT/ACQUISITION MODULE
24
26
28
30
32
12
AUDITORY DATA INTERFACE
VISUAL DATA INTERFACE
LANGUAGE DATA INTERFACE
MOTION DATA INTERFACE
SENSOR DATA INTERFACE
STORAGE/ASSOCIATION MODULE
14
18
ASSOCIATION ALGORITHM
20
22
PHYSICAL MEMORY SEGMENT
CONCEPTUAL MEMORY SEGMENT
RETRIEVAL MODULE
16
34
DEDUCTION RETRIEVAL
36
REDUCTION RETRIEVAL
38
RECALL RETRIEVAL
40
RECOGNITION RETRIEVAL
42
IMAGING RETRIEVAL
44
CATEGORIZATION RETRIEVAL
46
REASONING RETRIEVAL
17
OUTPUT MODULE

FIG. 1

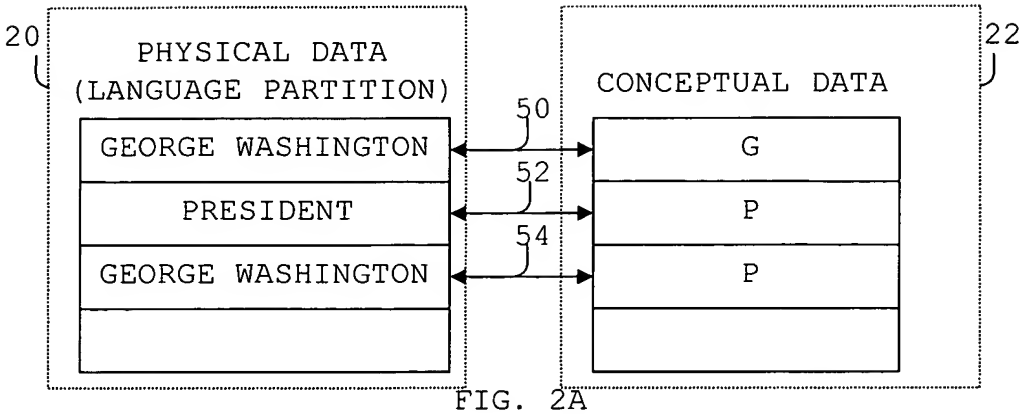

FIG. 2A

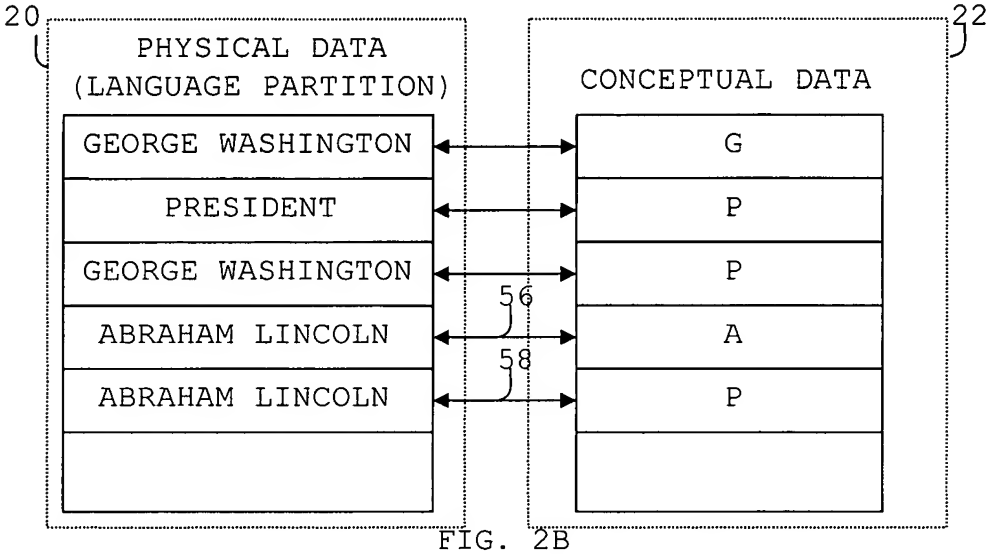

FIG. 2B

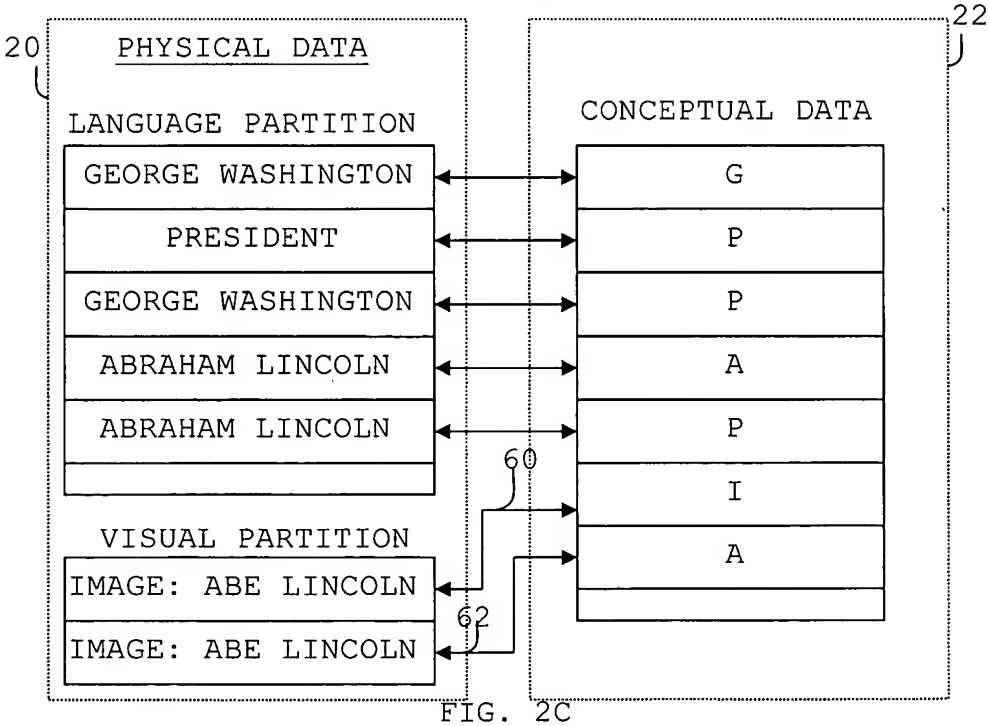

FIG. 2C

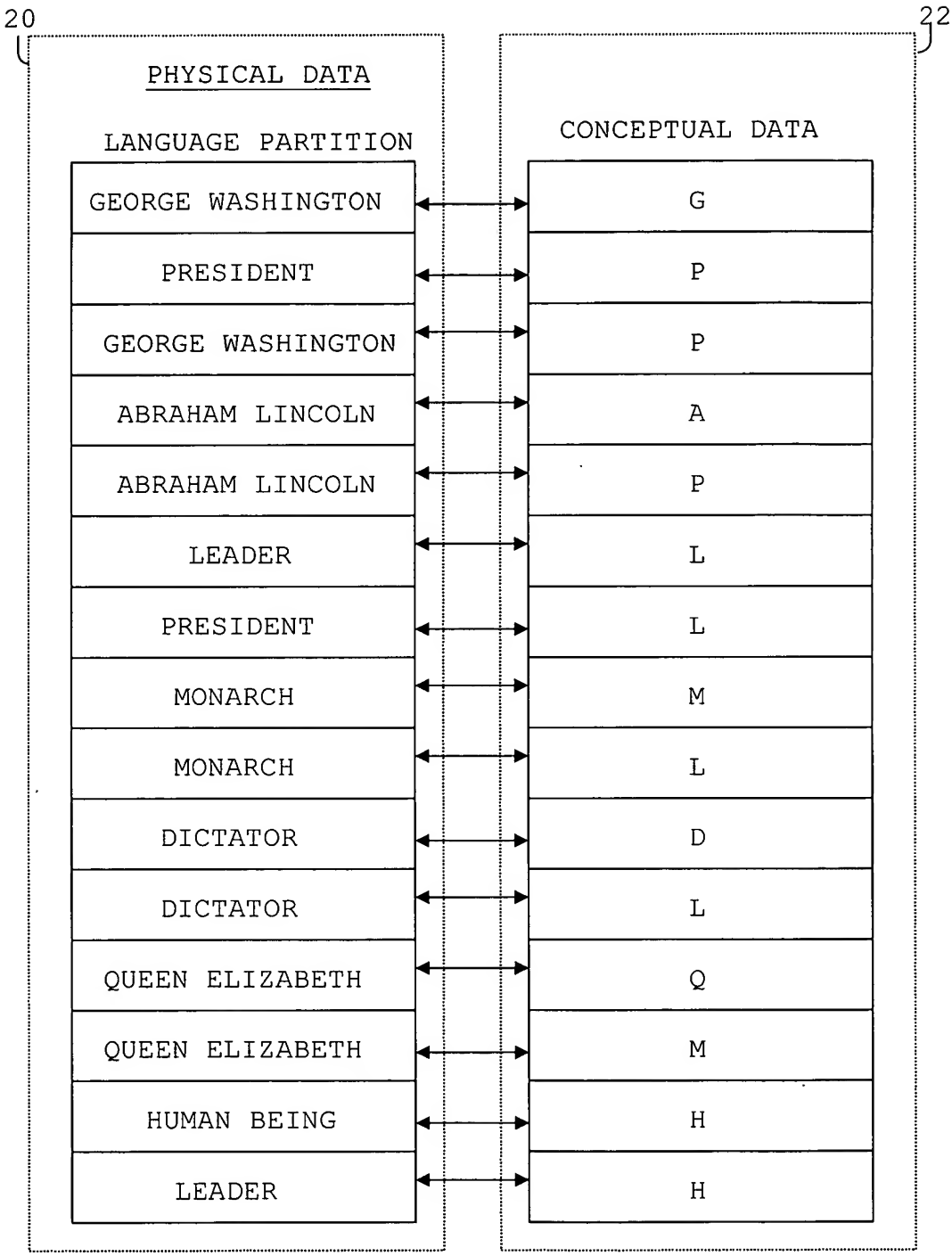
20
22
PHYSICAL DATA
LANGUAGE PARTITION
CONCEPTUAL DATA
GEORGE WASHINGTON
G
PRESIDENT
P
GEORGE WASHINGTON
P
ABRAHAM LINCOLN
A
ABRAHAM LINCOLN
P
LEADER
L
PRESIDENT
L
MONARCH
M
MONARCH
L
DICTATOR
D
DICTATOR
L
QUEEN ELIZABETH
Q
QUEEN ELIZABETH
M
HUMAN BEING
H
LEADER
H

FIG. 3

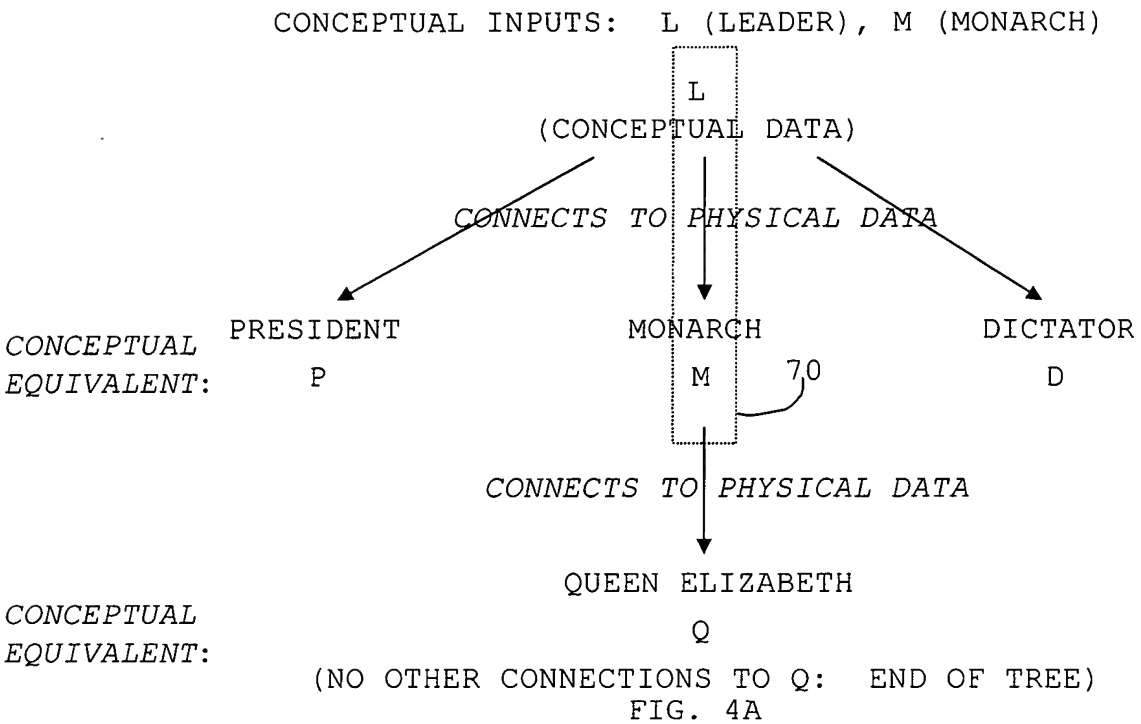
CONCEPTUAL INPUTS: L (LEADER), M (MONARCH)
L
(CONCEPTUAL DATA)
CONNECTS TO PHYSICAL DATA
PRESIDENT
MONARCH
DICTATOR
CONCEPTUAL EQUIVALENT:
P
M
70
D
CONNECTS TO PHYSICAL DATA
QUEEN ELIZABETH
CONCEPTUAL EQUIVALENT:
Q
(NO OTHER CONNECTIONS TO Q: END OF TREE)

FIG. 4A

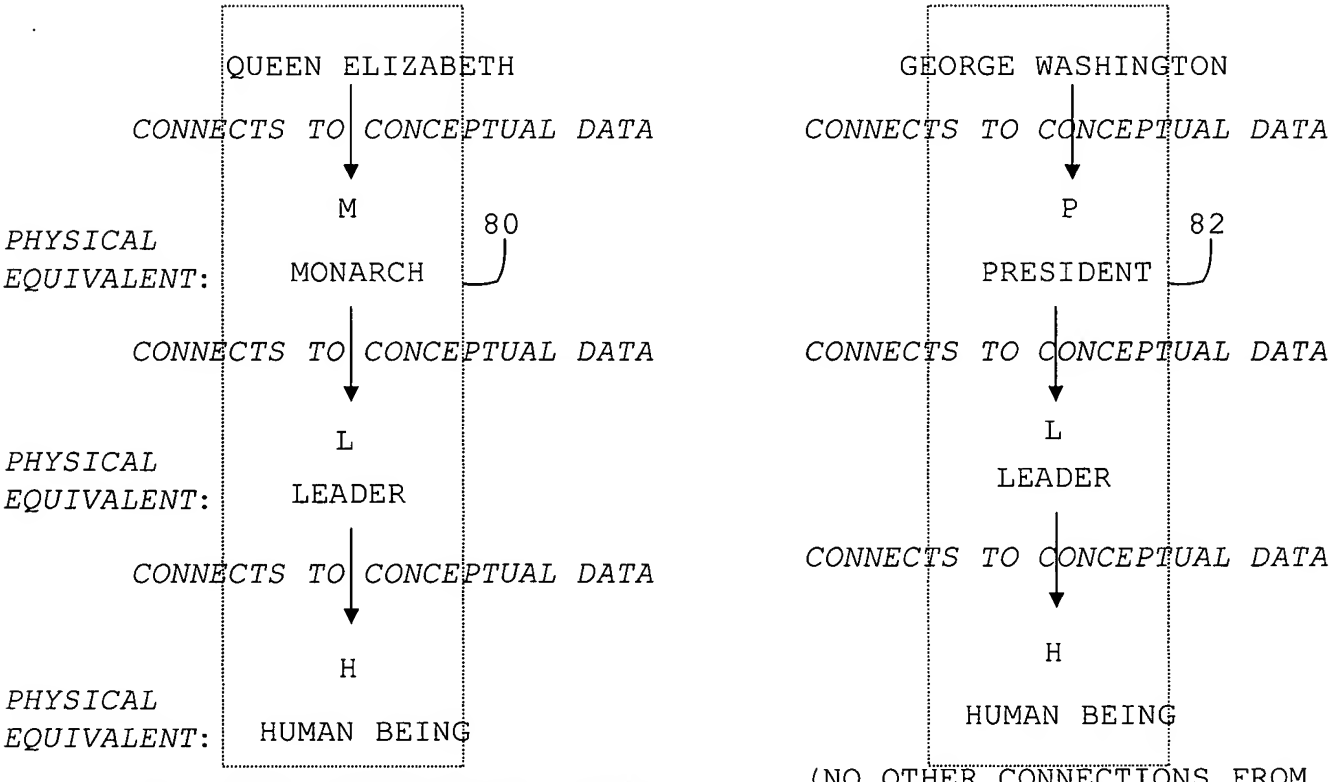
QUEEN ELIZABETH
CONNECTS TO CONCEPTUAL DATA
M
80
PHYSICAL EQUIVALENT:
MONARCH
CONNECTS TO CONCEPTUAL DATA
L
PHYSICAL EQUIVALENT:
LEADER
CONNECTS TO CONCEPTUAL DATA
H
PHYSICAL EQUIVALENT:
HUMAN BEING
(NO OTHER CONNECTIONS FROM HUMAN BEING: END OF TREE)
GEORGE WASHINGTON
CONNECTS TO CONCEPTUAL DATA
P
82
PRESIDENT
CONNECTS TO CONCEPTUAL DATA
L
LEADER
CONNECTS TO CONCEPTUAL DATA
H
HUMAN BEING
(NO OTHER CONNECTIONS FROM HUMAN BEING: END OF TREE)

FIG. 4B

RETRIEVAL ALGORITHMS

REDUCTION	C < L
IMAGING	C>A, C>V, C>M, C>S
DEDUCTION	L < C
RECOGNITION	A<C, V<C, M<C, S<C
RECALL	C > L
CATEGORIZATION	R > C
REASONING	R1---R2 < C1 ^ CN ^ C2

WHERE:

R = REPRESENTATIONAL, OR PHYSICAL DATA OF ANY KIND;
C = CONSCIOUSNESS, OR CONCEPTUAL DATA;
L = LANGUAGE REPRESENTATIONAL/PHYSICAL DATA;
A = AUDITORY REPRESENTATIONAL/PHYSICAL DATA;
V = VISUAL REPRESENTATIONAL/PHYSICAL DATA;
M = MOTION REPRESENTATIONAL/PHYSICAL DATA;
S = SENSORY REPRESENTATIONAL/PHYSICAL DATA;
R1, R2 ARE REPRESENTATIONAL ELEMENTS, AND C1, C2 ARE RESPECTIVE, CORRESPONDING CONCEPTUAL ELEMENTS; AND
CN REPRESENTS MULTIPLE, UNKNOWN CONCEPTUAL ELEMENTS;

AND,

< = SINGLE INPUT, POTENTIAL MULTIPLE OUTPUT;
> = MULTIPLE INPUT, POTENTIAL MULTIPLE OUTPUT; and,
^ = INTERSECTION.

FIG. 5

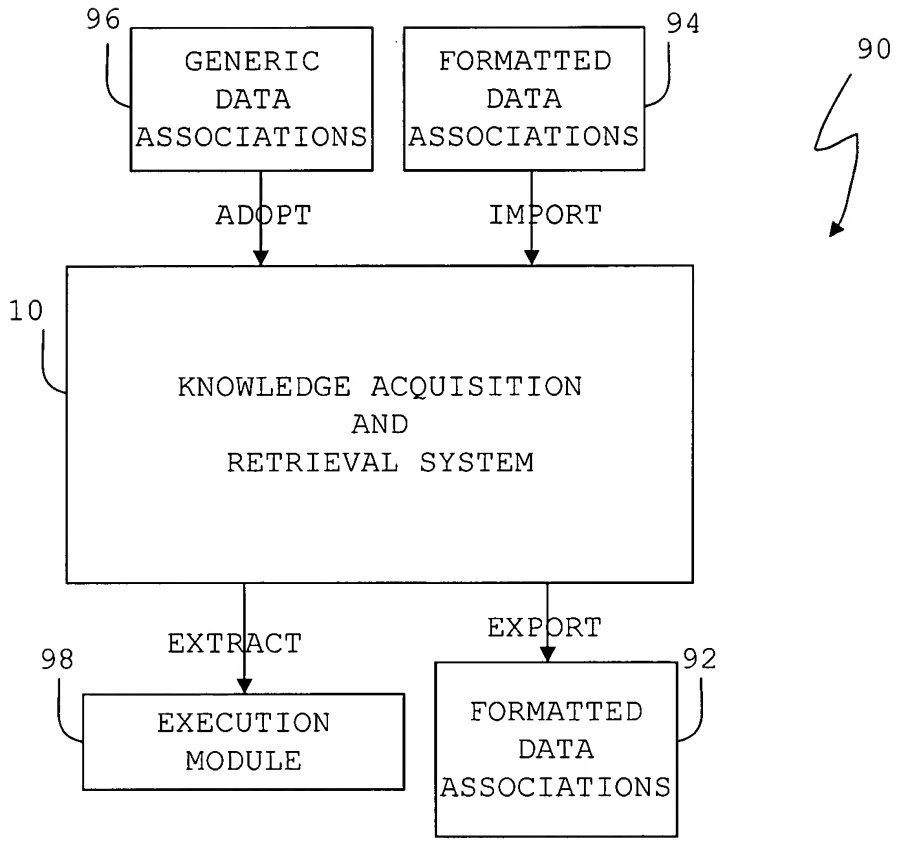
96
GENERIC DATA ASSOCIATIONS
94
FORMATTED DATA ASSOCIATIONS
90
ADOPT
IMPORT
10
KNOWLEDGE ACQUISITION AND RETRIEVAL SYSTEM
EXTRACT
EXPORT
98
EXECUTION MODULE
92
FORMATTED DATA ASSOCIATIONS

FIG. 6

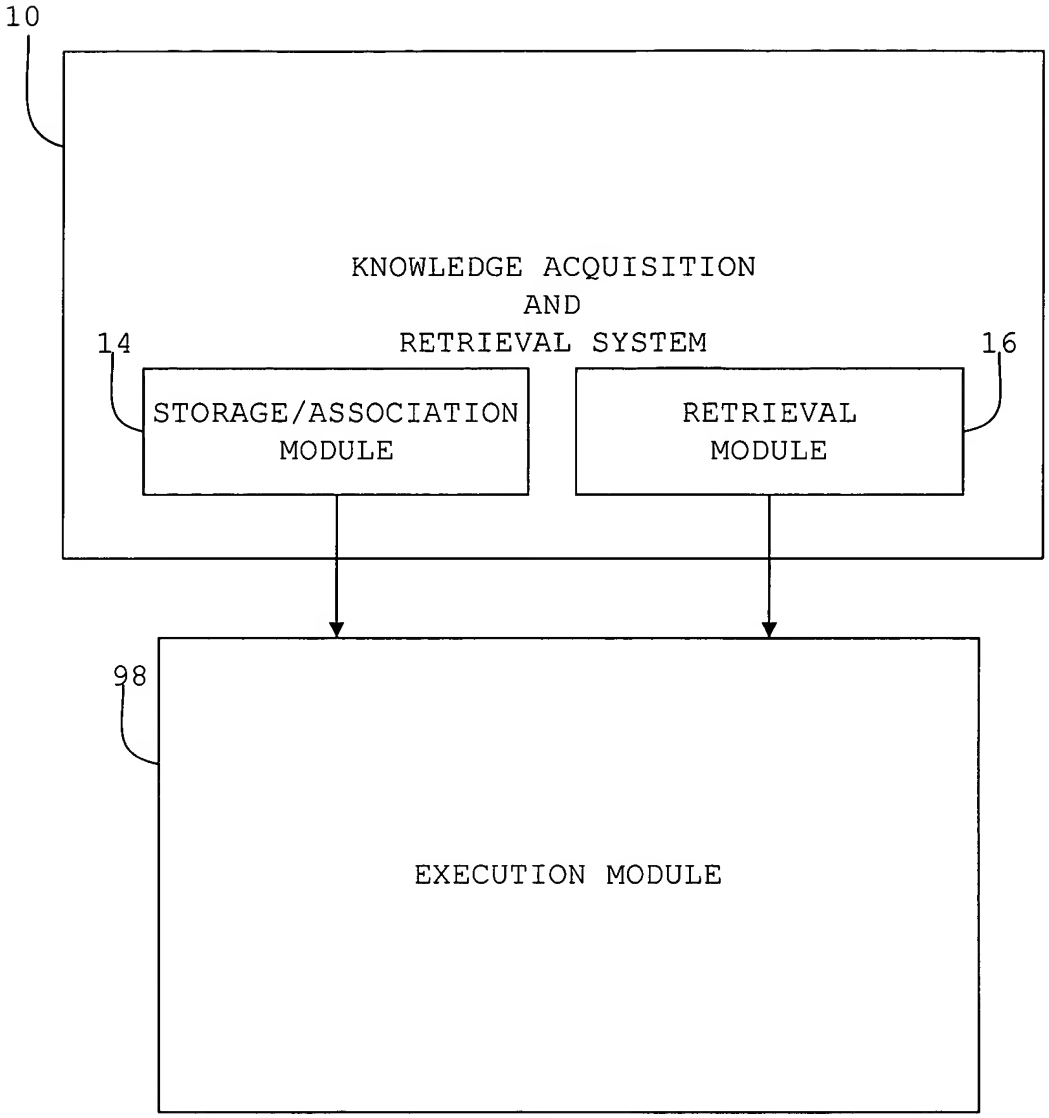
10
KNOWLEDGE ACQUISITION
AND
RETRIEVAL SYSTEM
14
16
STORAGE/ASSOCIATION
MODULE
RETRIEVAL
MODULE
98
EXECUTION MODULE

FIG. 7

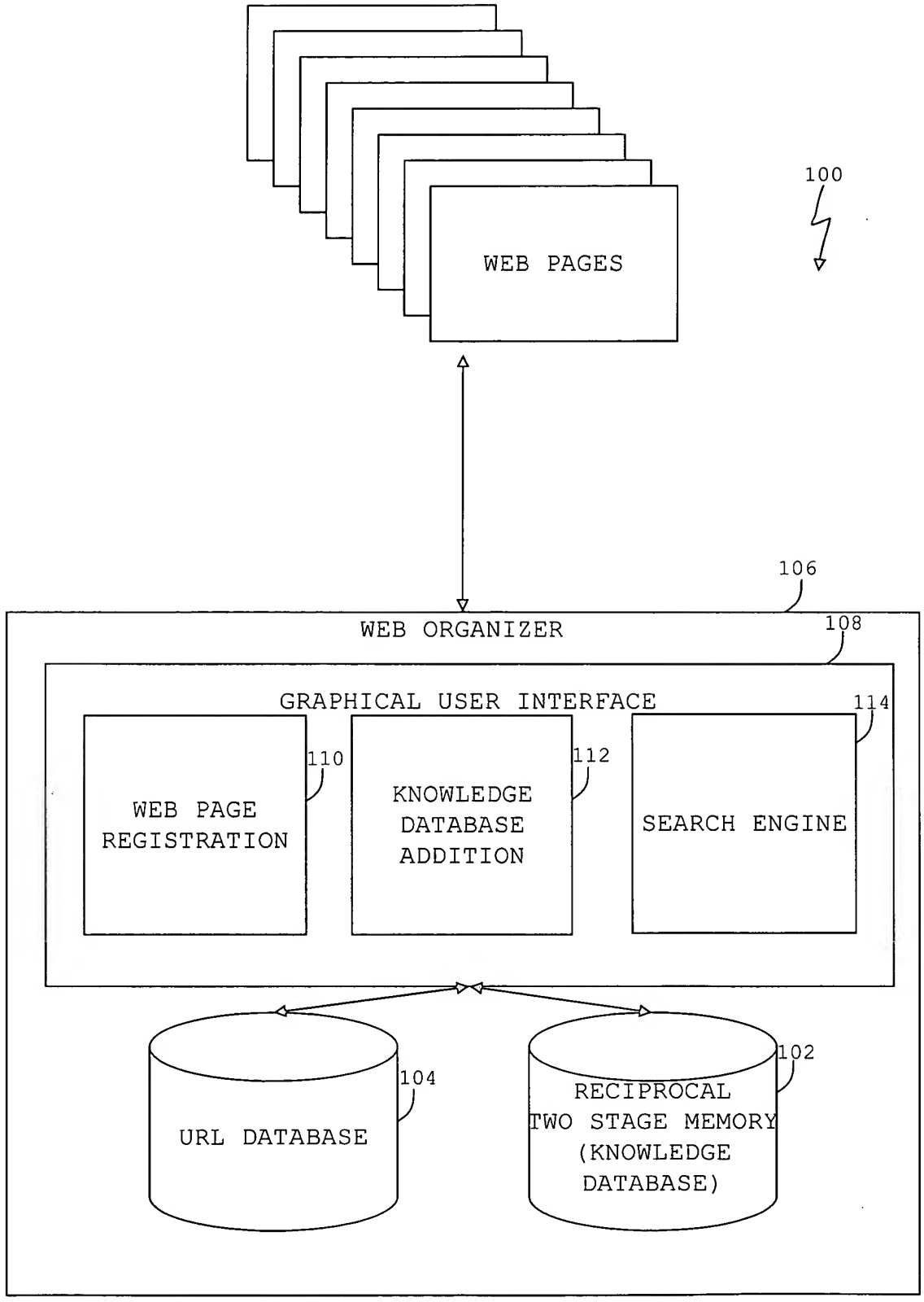
WEB PAGES
100
106
WEB ORGANIZER
108
GRAPHICAL USER INTERFACE
114
110
WEB PAGE REGISTRATION
112
KNOWLEDGE DATABASE ADDITION
SEARCH ENGINE
104
URL DATABASE
102
RECIPROCAL TWO STAGE MEMORY (KNOWLEDGE DATABASE)

FIG. 8

WebOrganizer

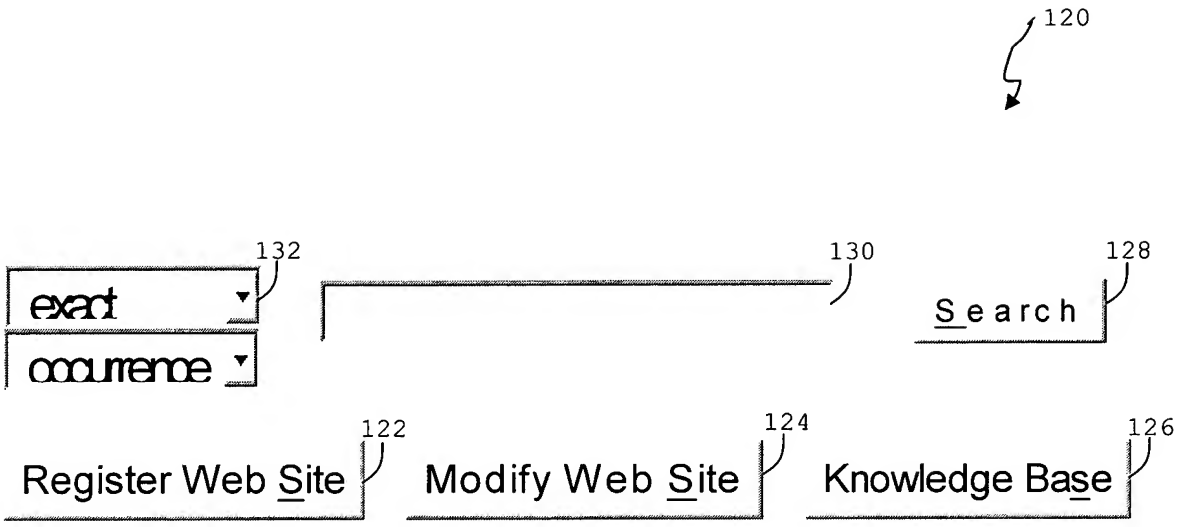

FIG. 9

URL	DESCRIPTOR/TAG
www.xyz.com	D1
www.xyz.com	D2
www.xyz.com	D3
www.xyz.com	D4
www.xyz.com	D5
www.xyz.com/a1	Meta_a1_1
www.xyz.com/a1	Meta_a1_2
www.xyz.com/a2	Meta_a2_1
www.xyz.com/a2	Meta_a2_2
www.xyz.com/a2	Meta_a2_3
www.xyz.com/a1/b1	Meta_a1b1_1
www.xyz.com/a1/b1	Meta_a1b1_2
www.xyz.com/a1/b1	Meta_a1b1_3
www.xyz.com/a1/b1	Meta_a1b1_4
www.xyz.com/a1/b2	Meta_a1b2_4
www.xyz.com/a1/b2	Meta_a1b2_4

FIG. 10

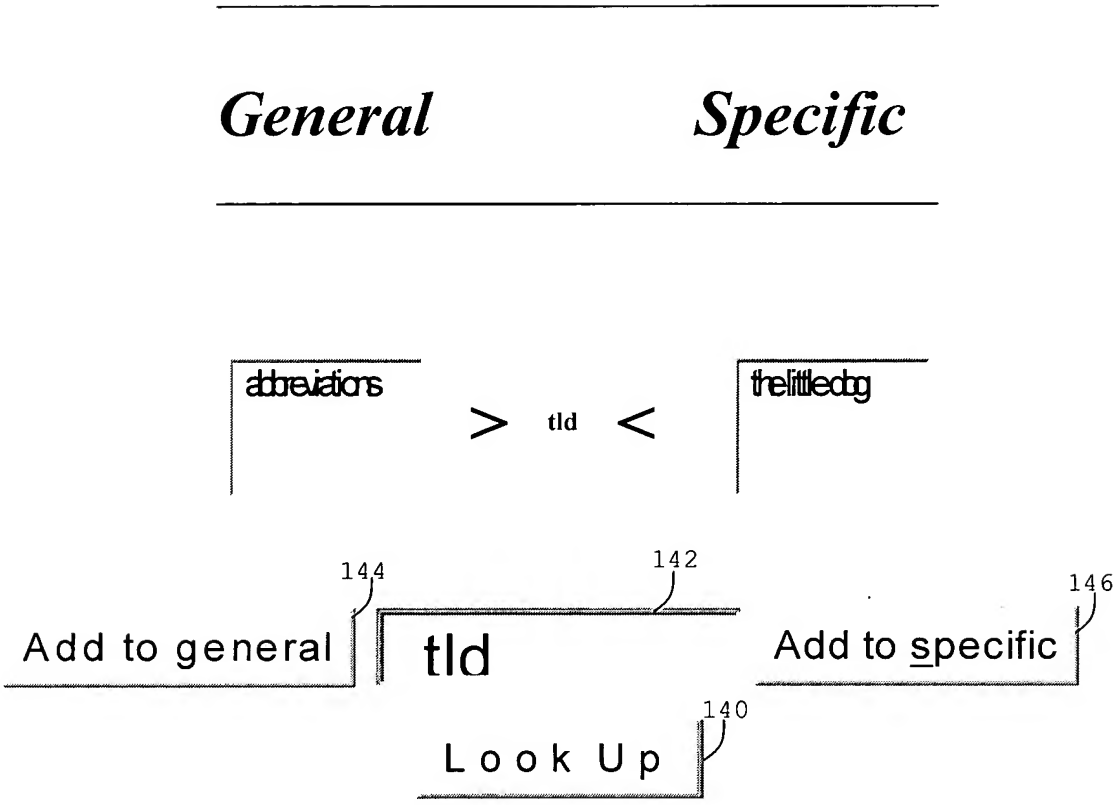
General
Specific
abbreviations
> tld <
thelittledog
144
142
146
Add to general
tld
Add to specific
140
Look Up

FIG. 11

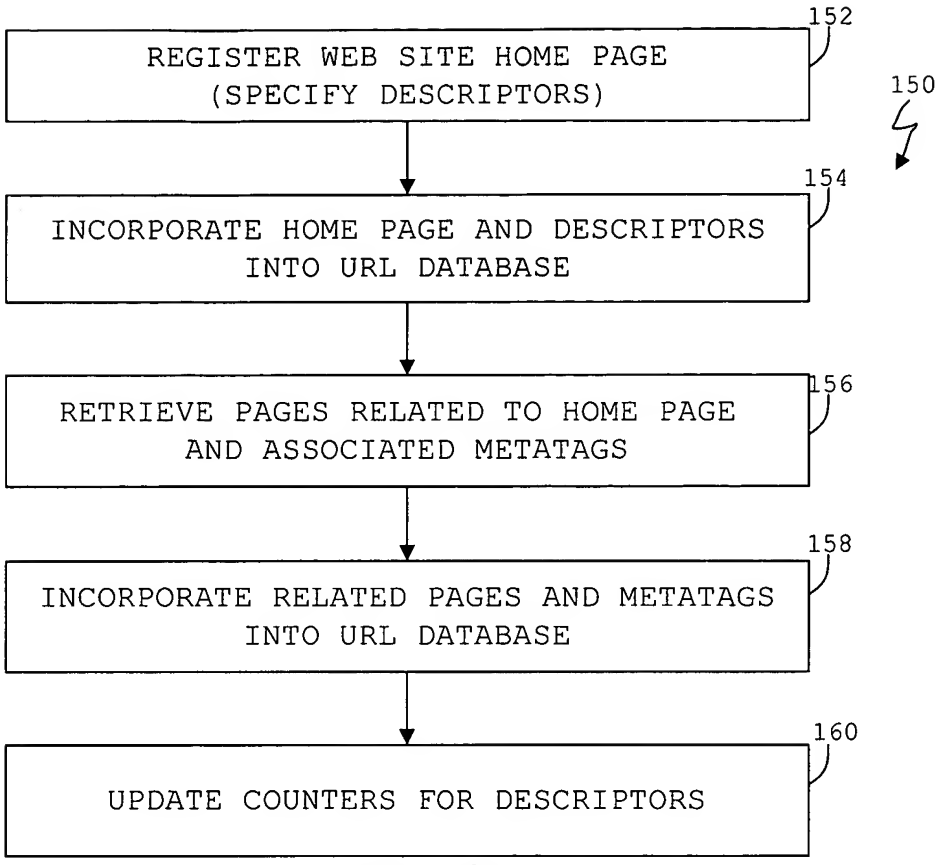

FIG. 12A

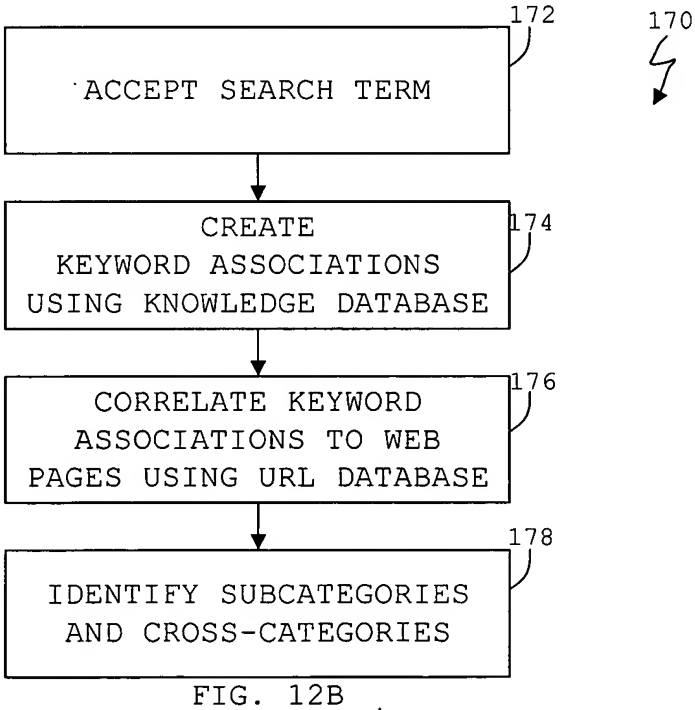

FIG. 12B

PHYSICAL DATA	CONCEPTUAL DATA
APPLE	A
COMPUTER	C
APPLE	C
FRUIT	F
APPLE	F
iMAC	I
iMAC	C
MAC OS	A
DELL	D
PC	P
DELL	P
WINDOWS	W
PC	C
WINDOWS	P
HOUSE	H
WINDOWS	H

FIG. 13

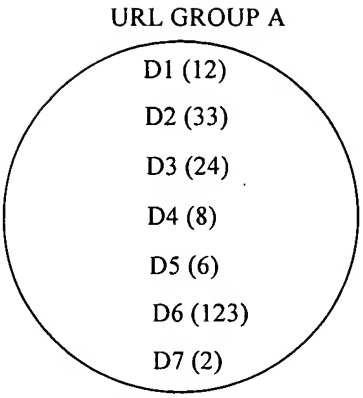

FIG. 14A

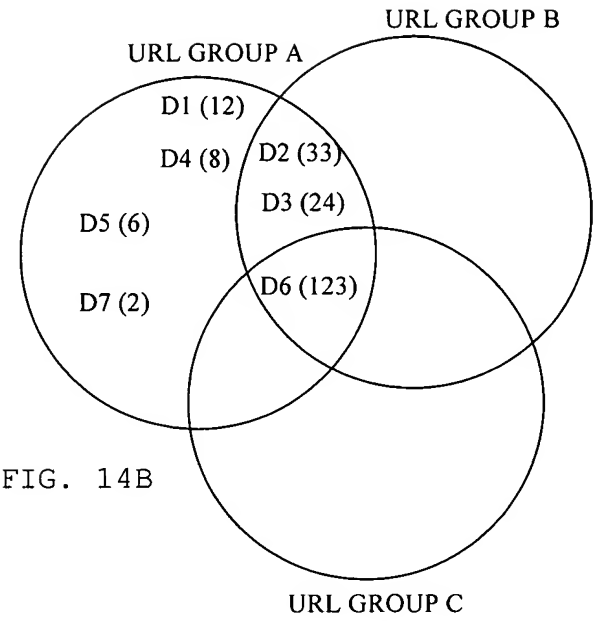

FIG. 14B

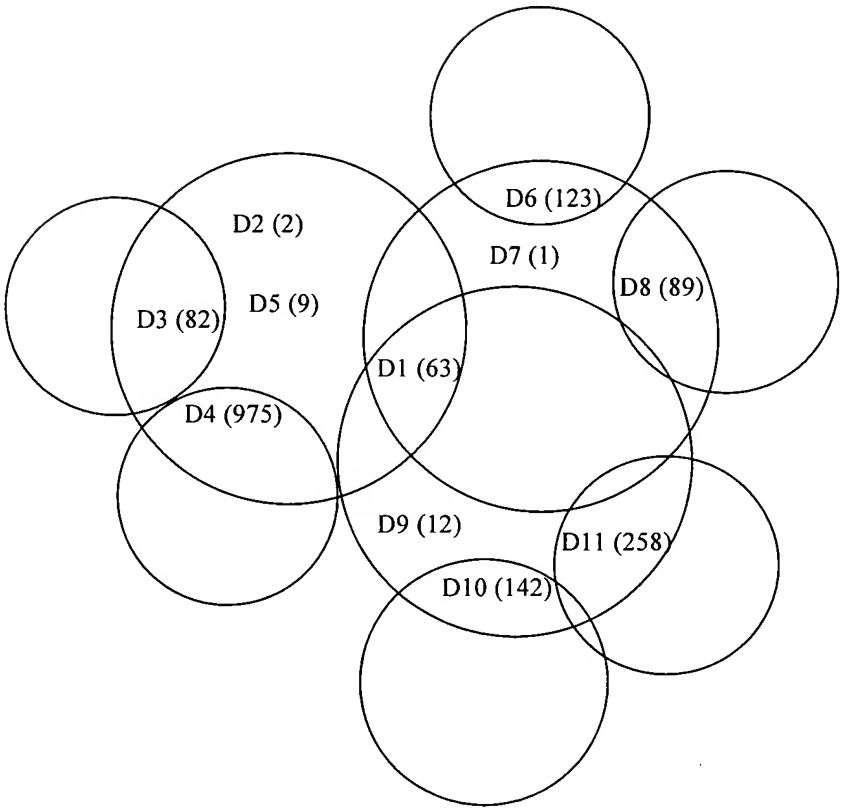

FIG. 14C

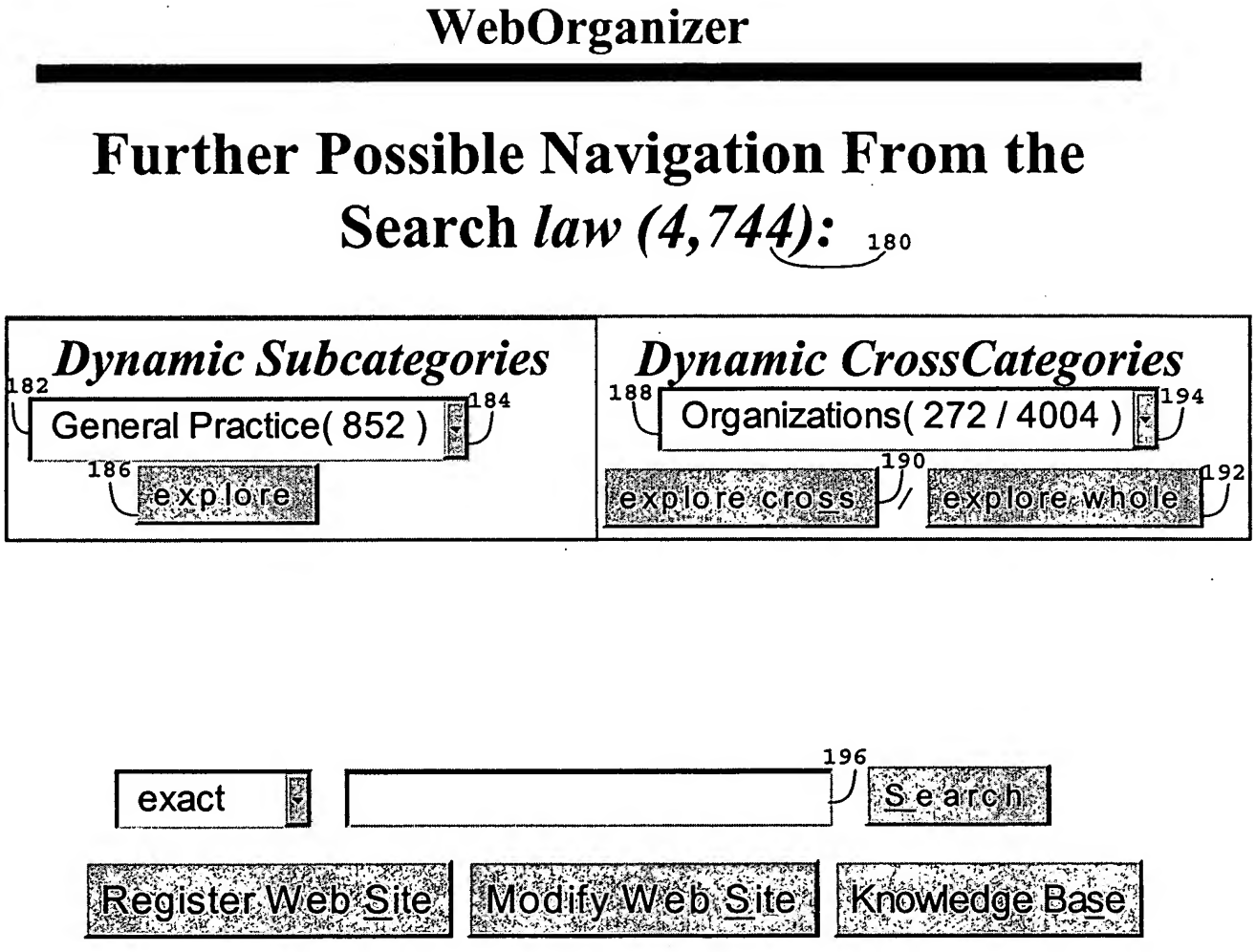
WebOrganizer
Further Possible Navigation From the Search law (4,744):
180
Dynamic Subcategories
182
General Practice(852)
184
186
explore
Dynamic CrossCategories
188
Organizations(272 / 4004)
194
190
explore cross
explore whole
192
196
exact
Search
Register Web Site
Modify Web Site
Knowledge Base

FIG. 15